Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061026.D
Acq On : 24 Apr 2024 15:24
Operator : MA/JU
Sample : P2228-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 24 16:08:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 04:22:00 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EXCAVATION-SOILMS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
04/26/2024
Supervised By :mohammad ahmed
04/27/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.944	152	29070	20.000	ng		0.00
21) Naphthalene-d8	10.741	136	104370	20.000	ng	#	0.00
39) Acenaphthene-d10	14.578	164	78714	20.000	ng		0.00
64) Phenanthrene-d10	17.322	188	185031	20.000	ng		0.00
76) Chrysene-d12	21.587	240	199640	20.000	ng		0.00
86) Perylene-d12	24.719	264	244085	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.535	112	183763	127.866	ng		0.00
7) Phenol-d6	7.122	99	218223	102.339	ng		0.01
23) Nitrobenzene-d5	9.102	82	156826	67.510	ng		0.00
42) 2,4,6-Tribromophenol	16.064	330	182537	105.604	ng		0.00
45) 2-Fluorobiphenyl	13.197	172	415100	72.986	ng		0.00
79) Terphenyl-d14	19.942	244	773157	60.114	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.455	88	18805	37.808	ng		99
3) Pyridine	3.843	79	47746	31.055	ng		97
4) n-Nitrosodimethylamine	3.761	42	57092	41.288	ng	#	99
6) Aniline	7.275	93	55624	21.704	ng		97
8) 2-Chlorophenol	7.515	128	85822	47.927	ng		95
9) Benzaldehyde	7.087	77	3022	2.755	ng		87
10) Phenol	7.145	94	89045	42.031	ng		95
11) bis(2-Chloroethyl)ether	7.369	93	97996	64.653	ng		90
12) 1,3-Dichlorobenzene	7.839	146	89646	45.144	ng		97
13) 1,4-Dichlorobenzene	7.985	146	91234	44.604	ng		95
14) 1,2-Dichlorobenzene	8.297	146	88146	44.095	ng		98
15) Benzyl Alcohol	8.179	79	77842	38.664	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.461	45	130034	39.410	ng		99
17) 2-Methylphenol	8.391	107	61572	35.994	ng		96
18) Hexachloroethane	9.025	117	32509	44.108	ng		98
19) n-Nitroso-di-n-propyla...	8.749	70	55354	34.833	ng	#	95
20) 3+4-Methylphenols	8.714	107	86284	36.067	ng		94
22) Acetophenone	8.761	105	119231	40.911	ng	#	95
24) Nitrobenzene	9.143	77	92259	41.331	ng		100
25) Isophorone	9.666	82	154243	39.675	ng		99
26) 2-Nitrophenol	9.854	139	43534	41.496	ng		95
27) 2,4-Dimethylphenol	9.919	122	55828	33.200	ng		99
28) bis(2-Chloroethoxy)met...	10.148	93	79895	39.067	ng		94
29) 2,4-Dichlorophenol	10.394	162	80959	41.715	ng		93
30) 1,2,4-Trichlorobenzene	10.606	180	100168	46.778	ng		97
31) Naphthalene	10.794	128	243917	42.688	ng		98
32) Benzoic acid	10.065	122	54495m	42.533	ng		
33) 4-Chloroaniline	10.894	127	58048	22.364	ng		97
34) Hexachlorobutadiene	11.082	225	89705	47.635	ng		96
35) Caprolactam	11.669	113	22604m	36.566	ng		
36) 4-Chloro-3-methylphenol	12.028	107	87815	38.796	ng		96
37) 2-Methylnaphthalene	12.398	142	178935	39.828	ng		99
38) 1-Methylnaphthalene	12.621	142	167079	39.852	ng		97
40) 1,2,4,5-Tetrachloroben...	12.768	216	148087	52.940	ng		99
41) Hexachlorocyclopentadiene	12.750	237	62826	38.170	ng		98
43) 2,4,6-Trichlorophenol	13.009	196	89941	48.913	ng		97

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44)	2,4,5-Trichlorophenol	13.085	196	95465	43.890	ng		96
46)	1,1'-Biphenyl	13.409	154	253394	47.791	ng		94
47)	2-Chloronaphthalene	13.450	162	203929	50.164	ng		99
48)	2-Nitroaniline	13.649	65	67921	41.398	ng		98
49)	Acenaphthylene	14.296	152	318501	46.520	ng		100
50)	Dimethylphthalate	14.031	163	269044	41.450	ng		99
51)	2,6-Dinitrotoluene	14.149	165	55960	41.318	ng		96
52)	Acenaphthene	14.642	154	196525	47.239	ng		98
53)	3-Nitroaniline	14.472	138	45270	33.899	ng		94
54)	2,4-Dinitrophenol	14.684	184	34304	41.739	ng		97
55)	Dibenzofuran	14.977	168	323299	45.004	ng		99
56)	4-Nitrophenol	14.795	139	85663	89.535	ng		97
57)	2,4-Dinitrotoluene	14.936	165	81389	41.725	ng		96
58)	Fluorene	15.624	166	284864	46.980	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.201	232	95534	43.517	ng		99
60)	Diethylphthalate	15.400	149	260432	40.742	ng		99
61)	4-Chlorophenyl-phenyle...	15.618	204	155295	41.527	ng		99
62)	4-Nitroaniline	15.641	138	52917	36.748	ng		100
63)	Azobenzene	15.912	77	212110	40.796	ng		96
65)	4,6-Dinitro-2-methylph...	15.706	198	29039	25.417	ng		92
66)	n-Nitrosodiphenylamine	15.829	169	230296	45.176	ng		97
67)	4-Bromophenyl-phenylether	16.511	248	109251	44.739	ng		97
68)	Hexachlorobenzene	16.634	284	134034	49.692	ng		98
69)	Atrazine	16.787	200	98706	51.735	ng		95
70)	Pentachlorophenol	16.975	266	171320	96.862	ng		96
71)	Phenanthrene	17.369	178	851693	90.178	ng		99
72)	Anthracene	17.457	178	590433	60.700	ng		97
73)	Carbazole	17.727	167	418336	51.785	ng		97
74)	Di-n-butylphthalate	18.291	149	412593	42.067	ng		100
75)	Fluoranthene	19.384	202	1397986	111.534	ng		97
77)	Benzidine	19.560	184	213011	57.584	ng		99
78)	Pyrene	19.742	202	1269669	93.403	ng		99
80)	Butylbenzylphthalate	20.635	149	191819	42.337	ng		97
81)	Benzo(a)anthracene	21.570	228	1063623	75.779	ng		97
82)	3,3'-Dichlorobenzidine	21.481	252	196080	38.655	ng		99
83)	Chrysene	21.634	228	968089	72.444	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.493	149	272555	41.377	ng		99
85)	Di-n-octyl phthalate	22.674	149	469272	42.910	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.279	276	734097	43.355	ng	#	94
88)	Benzo(b)fluoranthene	23.738	252	992658	71.765	ng		99
89)	Benzo(k)fluoranthene	23.796	252	836770	59.926	ng		99
90)	Benzo(a)pyrene	24.578	252	865003	64.608	ng		99
91)	Dibenzo(a,h)anthracene	28.332	278	589291m	42.598	ng		
92)	Benzo(g,h,i)perylene	29.384	276	551067m	40.175	ng		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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